

BEP50-66

LEA Networks Connectivity Solutions
Building Entrance Protector with 66 Type
IDC Input and Output Connections



PRODUCT DESCRIPTION

The BEP50-66 Building Entrance Protector provides 50 pairs of high speed compatible indoor primary protection for any twisted pair communication line. Industry standard 66 type connectors for input and output terminations allow for easy integration into any communications or data system.

The BEP50-66, using standard 5 pin protection modules gives UL Listed and NEC compliant protection for equipment and personnel against lightning, electrostatic discharge, and AC line power faults.



The BEP50-66 consists of a low profile wall mount, epoxy powder coated carbon steel housing, input and output connection blocks, and a high speed data optimized 5 pin modules protection field. An internal 26 AWG fusing wire is included to give maximum isolation in case of catastrophic faults.



LEA Networks CAT5 SmartWired® Building Entrance Protectors have been designed to provide enhanced transmission performance for ADSL2+, VDSL2 and EFM high speed data applications.

CAT5 SmartWired® starts with LEA Networks' protection module field. The block has been redesigned to minimize crosstalk and insertion loss, while decreasing part weight and size to reduce the mounting footprint. Unique wire routing and guide ring features ensure that the category 5e internal wiring maintains ideal performance. Combined with LEA Networks high speed protector modules, the system gives maximum protection and performances for POTS, T1, ADSL2+, VDSL2 and Ethernet based services.

FEATURES & BENEFITS

- Laser cut carbon steel with polyester epoxy powder coating finish
- CAT5 Smartwired®
- High Speed Optimized 5 Pin Protector Block
- Fully hard wired internal ground system
- Standard 3 pole #6 Ground bar
- All plastic materials UL94 V-0 rated or higher
- Optional cover kit
- Made in USA
- High quality fit and finish, with superior corrosion and resistance
- High Speed transmission performance is standard on all units
- Block is designed from the ground up for reduced crosstalk and insertion loss
- Reliable ground bonding every time
- Provides maximum flexibility for multiple unit installations, test equipment and shieldbond
- Ensure facility and personnel safety
- Field installable kits prevents inadvertent contact for extra security
- Local engineering and operations support

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	Pair Count	Input (Field)	Output (Equip)	Dimensions (h x w x d)	Weight	Optional Cover Kit
BEP50-66	50 Pair	66 Type	66 Type	10" x 11.2" x 3.2"	5.6 lbs	BEP50-CVRKIT

BEP kitted system part number

BEP50 - 66 - X XX

Termination Type
66: 66 Type IDC In/Out

Protector Modules Included:

Blank: None
01: ST50300GN000GT
02: ST56300GN000GT
03: ST57300GN000GT
04: ST50350HN000GT

Cover Kit Option:

Blank: No Cover
C: With Cover Kit

